

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"5494577".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:25
S2	12	("4756875"   "5192456"   "5209844").PN. OR ("5494577").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 10:25
S3	0	S2 AND sieve	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 10:26
S4	0	"2002143847"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 10:27
S5	2	"2002143847"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:27
S6	4	"2001334130"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:27
S7	19	"937494"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:28
S8	42904	izumi.in. nurishi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:29
S9	134	izumi.in. AND nurishi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:29
S10	100	izumi.in. AND nurishi.in. AND membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:29
S11	30	izumi.in. AND nurishi.in. AND membrane AND filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:29
S12	0	"684""."908".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:31

S13	2	"5482625".pn.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:31
S14	2	"5252207".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 10:53
S15	4	"0021890"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 11:18
S16	9	"1201293"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 11:28
S17	1	"11567487"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 11:29
S18	4	"2006127728"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 11:30
S19	2	"20060127728"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 11:30
S20	13	"997182"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 11:31
S21	1	((TORSTEN) near2 (HACKNER)).INV.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/05/14 12:32
S22	3	((TORSTEN) near2 (HACKNER)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:32
S23	1	((MARTIN) near2 (SPRINGS)).INV.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/05/14 12:32
S24	3	((MARTIN) near2 (SPRINGS)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:32
S25	1	((OLIVER) near2 (CHRIST)).INV.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/05/14 12:32
S26	6	((OLIVER) near2 (CHRIST)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:32
S27	412	"210/321.69".CCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/05/14 12:32
S28	899	"210/151".CCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/05/14 12:33
S29	25	(hans ADJ huber). asnm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:33
S30	135	(hans ADJ huber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:34

S31	33	(hans ADJ huber) AND air	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:34
S32	10	"6843908".pn. "5482625".pn. "5651889".pn. "6284135".pn. "6280626".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:40
S33	1	"10590597"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:46
S34	17	"558421"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 12:58
S35	0	"10590597"	EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:02
S36	1	"10590597"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/14 13:02
S37	83674	morita.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:04
S38	95	morita.in. AND membrane AND filter AND air	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:05
S39	60	morita.in. AND membrane AND filter AND air AND (control controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:05
S40	19	morita.in. AND membrane AND filter AND air AND (control controller) AND nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:05
S41	664402	backwashing membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:06
S42	1201	backwashing SAME membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:06
S43	493	backwashing SAME membrane AND air	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:06
S44	78	backwashing SAME membrane AND air AND scour	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:06
S45	40	(kopp.in. zha.in.) AND membrane AND filtration AND plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/14 13:07
S46	2	"0395077"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/14 13:47

S47	2	"03095077"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/14 13:47
S48	4	"0245827"	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/05/14 13:48
S49	5	"2003010897"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:52
S50	17	"558421"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:52
S51	2	"6843908".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:54
S52	2	"6284135".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 13:58
S53	23	("5910250").PN. OR ("6284135").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 13:59
S54	6	"6284135".pn. "6843908".pn. "5482625".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 14:03
S55	20	("1724436"   "3679059"   "4832841"   "4871456"   "5192456").PN. OR ("5482625").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:03
S56	23	("5910250").PN. OR ("6284135").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:03
S57	4	("6284135").PN. OR ("6843908").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:03
S58	45	S55 S56 S57	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:04
S59	0	S58 AND sieve	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:04
S60	9	S58 AND mesh	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:04
S61	7	S58 AND screen	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/14 14:04
S62	1	wastewater AND aerator AND air ADJ line AND sieve AND membrane AND plate	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 14:08
S63	1	wastewater AND aerator AND (air gas oxygen) NEAR line AND sieve AND membrane AND plate	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/14 14:09

S64	3	"2000061273"	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/14 14:14
S65	0	"10085565"	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/14 14:15
S66	3	"10085565"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:15
S67	31662	matsunaga.in.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:16
S68	6	matsunaga.in. AND hasui.in.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:16
S69	5	"0100307"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:16
S70	5	"0245827"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:16
S71	6	"6280626".pn. "6284135".pn. "5651889".pn.	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:17
S72	1	"69408816"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:18
S73	1454	sieve SAME filter SAME plates	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:21
S74	30	sieve SAME filter SAME plates AND (air gas) ADJ line	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2009/05/14 14:21
S75	2	"6368849".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 14:33
S76	14	((HSIN) near2 (SHAO)). INV.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/05/14 14:33
S77	1	"6284135".pn.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/05/14 14:44
S78	2	"6284135".pn. "20030080054" AND adjustable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:13

S79	0	("6284135".pn. "20030080054") AND adjustable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:13
S80	0	("6284135".pn. "20030080054") AND variable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:13
S81	0	("6284135".pn. "20030080054") AND height	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:13
S82	0	("6284135".pn. "20030080054") AND flexible	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:13
S83	0	("6284135".pn. "20030080054") AND flexible	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:13
S84	0	("6284135".pn. "20030080054") AND move	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:14
S85	0	("6284135".pn. "20030080054") AND moveable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:14
S86	2	("6284135".pn. "20030080054") AND adjust\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:14
S87	19	flexible SAME aerator SAME (hose pipe) AND wastewater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:18
S88	2	"6284135".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:21
S89	2	"6284135".pn. AND aerator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 11:21
S90	12	flow ADJ meter SAME permeate SAME pump SAME (control controller) AND wastewater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:16
S91	0	"6843908".pn. AND float	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:17
S92	0	"6843908".pn. AND switch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:17
S93	2	"6843908".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:21
S94	2	"6843908".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:21

S95	2	"6843908".pn. AND valve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:22
S96	2	"6843908".pn. AND valve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 12:22
S97	1	"10590597"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 12:24
S98	1	"10590597"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 12:24
S99	0	"10590597" AND throttle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 12:24
S100	0	("6284135".pn. "20030080054" "6843908".pn.) AND (throttle float)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:27
S101	1	"5690864".pn. AND float	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:27
S102	209	float ADJ switch AND wastewater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:28
S103	4	float ADJ switch AND throttle ADJ valve AND wastewater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/15 12:28
S104	131676	"10590597" ADN sight	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:28
S105	1	"10590597" AND sight	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:28
S106	0	"6284135".pn. AND turbis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:29
S107	0	"20030080054." AND turbis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:29
S108	0	"20030080054" AND turbis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:30
S109	0	"6843908".pn. AND turbis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:30
S110	0	"6808628".pn. AND turbis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:30

S111	6	"6284135".pn. "20030080054" "6843908".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:30
S112	5	S111 AND (photo- optical photometric turbidity sight view glass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:31
S113	0	S111 AND (photo- optical photometric turbidity sight glass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:32
S114	6987	wastewater AND (photo- optical photometric turbidity sight glass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:32
S115	1932	wastewater AND (photo- optical photometric turbidity sight ADJ glass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:32
S116	154	wastewater AND (sight ADJ glass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:32
S117	55	wastewater AND (sight ADJ glass) AND filtration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:32
S118	480862	wastewater AND (sight ADJ glass) SAME trubidityAND filtration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:33
S119	4	wastewater AND (sight ADJ glass) SAME turbidity AND filtration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:33
S120	1240752	S111 AND (density turbidity viscosity) SAME measure monitor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:35
S121	0	S111 AND (density turbidity viscosity) SAME (measure monitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:35
S122	2	S111 AND (density turbidity viscosity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:35
S123	1	wastewater AND (sight ADJ glass) SAME permeate SAME turbidity AND filtration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:38
S124	3	wastewater AND (sight ADJ glass) SAME permeate AND filtration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 13:39
S125	2	"5482625".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 14:41



S126	2	"6284135".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/15 14:46
S127	404	210/616.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:45
S128	993	261/122.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:45
S129	998	210/323.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:45
S130	522	210/289.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:45
S131	1147	210/695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:45
S132	412	"210/321.69".CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 14:45
S133	899	"210/151".CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 14:45
S134	236	210/616.ccls. AND air	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:46
S135	159	261/122.1.ccls. AND (air gas fluid) AND membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:46
S136	188	261/122.1.ccls. AND (air gas fluid) AND (membrane filtration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:47
S137	415	210/323.2.ccls. AND (air gas fluid) AND (membrane filtration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:47
S138	95	210/289.ccls. AND (air gas fluid) AND (membrane filtration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:47
S139	364	210/695.ccls. AND (air gas fluid) AND (membrane filtration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:47
S140	331	"210/151".CCLS. AND (air gas fluid) AND (membrane filtration)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 14:47
S141	363	"210/321.69".CCLS. AND (air gas fluid) AND (membrane filtration)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 14:47
S142	8	210/323.2.ccls. AND (air gas fluid) AND (membrane filtration) AND sieve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:47

S143	14	210/289.ccls. AND (air gas fluid) AND (membrane filtration) AND sieve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:47
S144	14	210/695.ccls. AND (air gas fluid) AND (membrane filtration) AND sieve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/19 14:48
S145	17	"210/151".CCLS. AND (air gas fluid) AND (membrane filtration) AND sieve	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 14:48
S146	14	"210/321.69".CCLS. AND (air gas fluid) AND (membrane filtration) AND sieve	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 14:48

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